

CLAIMS

1. A paper sizing composition which comprises an aqueous emulsion of an ASA wherein the ASA incorporates a maximum of 1% by weight of polymeric residues.
2. A composition as claimed in claim 1 wherein the ASA incorporates a maximum of 0.5% by weight of polymeric residues.
3. A composition as claimed in claim 1 or 2 wherein the ASA contains less than 5% by weight of olefins.
4. A composition as claimed in claim 3 wherein the ASA incorporates less than 0.5% by weight of olefins.
5. A method of producing a sized paper or board wherein the sizing agent is an ASA incorporating a maximum of 1% by weight of polymeric residues.
6. A method as claimed in claim 5 wherein the ASA incorporates a maximum of 0.5% by weight of polymeric residues.
7. A method as claimed in claim 5 or 6 wherein the ASA contains less than 5% by weight of olefins.
8. A method as claimed in claim 7 wherein the ASA incorporates less than 0.5% by weight of olefins.
9. A method as claimed in claim 5 wherein the sizing agent is provided by a paper sizing composition as claimed in any one of claims 1 to 4.
10. Sized paper or board produced by the method of any one of claims 5 to 9.

11. Sized paper of board as claimed in claim 10 provided on both surfaces thereof with a barrier coating of a food grade material.

12. A method of producing a carton comprising sterilising paper or sized board as claimed in claim 10 with hot hydrogen peroxide and converting the sterilised paper or board to a carton.